



PTO/SB/08B (04-07)

Approved for use through 09/30/2007. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		Application Number	10/764,635
		Filing Date	1/23/2004
		First Named Inventor	Jerry Gene Williams
		Art Unit	2877
		Examiner Name	Juan D. Valentin
Sheet 1 of 1	Attorney Docket Number		

#### NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Douglas B. Johnson, Donald D. Baldwin, and K. Him Lo: "Composite Production Riser Development and Qualification Test Results," Composites for Offshore Operations - 3, S. S. Wang, J. G. Williams and K. H. Lo, Eds. University of Houston - CEAC, 2001, pp. 109-123.	
		J. Murali, M. M. Salama, O. Jahnsen, and T. Meland: "Composite Drilling Riser - Qualification Testing and Field Demonstration," Composite Materials for Offshore Operations - 2, S. S. Wang, J. G. Williams, and K. H. Lo, Eds., American Bureau of Shipping, 1999, pp. 115-128.	
		J. Kim Vandiver and O. M. Griffin: "Measurements of the Vortex Excited Strumming Vibrations of Marine Cables," Ocean Structural Dynamics Symposium, Corvallis, Oregon, September 1982.	
		S.S. Wang, X. Lu, and T.P. Yu: "Vortex Induced Vibrations (VIV) of Composite Production Risers," Composites for Offshore Operations - 3, S. S. Wang, J. G. Williams and K. H. Lo, Eds. University of Houston - CEAC, 2001, pp. 199-213	
		J. Kim Vandiver: "Research Challenges in the Vortex-induced Vibration Prediction of Marine Risers", Proceedings of the Offshore Technology Conference, Paper No. 8698, Houston, May 1998.	
		J. Kim Vandiver, K. Vikestad and C. M. Laren: "Norwegian Deepwater Riser and Mooring: Damping of Vortex-Induced Vibrations," Proceedings of the 2000 Offshore Technology Conference, Paper No. 11998, Houston, TX, May 1-4, 2000.	
		M. K. Barnoski, M. D. Rourke, S. M. Jensen, and R. T. Melville: "Optical Time Domain Reflectometer," Applied Optics, Vol. 16, No. 9. September 1977.	
		Smith, D. Barton and Williams, Jerry G.: Monitoring Axial Strain in Synthetic Fiber Mooring Ropes Using Polymeric Optical Fibers. 22nd International Conference on Offshore Mechanics and Arctic Engineering, Cancun, Mexico. June 8-13, 2003.	
		Jerry G. Williams and D. Barton Smith: "Direct Measurement of Axial Strain in Synthetic Fiber Mooring Ropes Using Polymeric Optical Fibers," Fourth International Conference On Composite Materials for Offshore Operations. Houston, TX, October 4-6, 2005.	
		Jerry G. Williams and Alex Sas-Jaworsky II: "Composite Spoolable Pipe Development, Advancements, and Limitations," Offshore Technology Conference Paper 12029. Houston, Texas, May 1-4, 2000.	

Examiner Signature		Date Considered	7-23-2007
--------------------	--	-----------------	-----------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.  
This collection of information is required by 37 CFR 1.88. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08A (04-07)

Approved for use through 09/30/2007. OMB 0651-0031

**U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE**

**Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.**

*(5)* Substitute for Form 1449/BTO

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

*(Use as many sheets as necessary)*

Sheet 1 of 1

Complete if Known	
Application Number	10/764,635
Filing Date	1/23/2004
First Named Inventor	Jerry Gene Williams
Art Unit	2877
Examiner Name	Juan D. Valentin
Attorney Docket Number	

U. S. PATENT DOCUMENTS

## **FOREIGN PATENT DOCUMENTS**

Examiner Signature Date Considered 7-27-2007

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the Indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.